



## Month: January Week: 1

### Subject: Mathematics

<b>Day 1</b>	<b>Topic(s)</b>		<b>Foundation(s)</b>	
	<ul style="list-style-type: none"> <li>Theme: Kwanzaa</li> <li>Shape: Oblong</li> <li>Number: 1</li> <li>Color: Black, Red, Green</li> <li>Letter: Ss</li> </ul>		M 2.2: Demonstrate awareness of patterning	
<b>Indicators</b>	Young Preschool (3s- 4 $\frac{1}{2}$ )		Older Preschool (4 $\frac{1}{2}$ to 5s)	
	Physically extend simple ABAB patterns of concrete objects to other concrete objects.		Begin to create and extend a new simple pattern	
<b>Activities</b>				
<p>Class will make Kwanzaa paper chain links by using the pattern that teacher wants the class to create. Depending on the skill level of the class, teacher draw lines of the links for the children to cut out and glue or teacher will have the paper cut out for children. The teacher will show an example of the pattern the class is creating, and the children will create and put their links together.</p>				
<b>Resources and Materials</b>				
<ul style="list-style-type: none"> <li>Black, green, and red construction paper</li> </ul>		<ul style="list-style-type: none"> <li>Scissors</li> </ul>		<ul style="list-style-type: none"> <li>Glue</li> </ul>
<b>Topic Related Language/ Key Vocabulary</b>			<b>Supports</b>	



Kwanzaa  
Pattern





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Day 2	Topic(s)	Foundation(s)
	<ul style="list-style-type: none"> <li>• Theme: Kwanzaa</li> <li>• Shape: Oblong</li> <li>• Number: 1</li> <li>• Color: Black, Red, Green</li> <li>• Letter: Ss</li> </ul>	M 4.2: Exhibit ability to identify, describe, analyze, compare, and create shapes
Indicators	Young Preschool (3s- 4 ½)	Older Preschool (4 ½ to 5s)
	Start to identify the attributes of shapes	Use the attributes of shapes, such as number or length of sides, to distinguish between shapes

<b>Activities</b>	
In the Math Center, have the children draw on paper or write on the whiteboards the shape Oblong. Teacher will demonstrate how to draw the shape and have an example of the shape in the center.	
<b>Resources and Materials</b>	
<ul style="list-style-type: none"> <li>• Paper or Whiteboard</li> <li>• Pencils or dry erase markers</li> <li>• Example of shape</li> </ul>	
<b>Topic Related Language/ Key Vocabulary</b>	<b>Supports</b>



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<b>Day 3</b>	<b>Topic(s)</b>		<b>Foundation(s)</b>	
	<ul style="list-style-type: none"> <li>Theme: Kwanzaa</li> <li>Shape: Oblong</li> <li>Number: 1</li> <li>Color: Black, Red, Green</li> <li>Letter: Ss</li> </ul>		M 4.1: Understanding of spatial relationships	
<b>Indicators</b>	<b>Young Preschool (3s- 4 ½)</b>		<b>Older Preschool (4 ½ to 5s)</b>	
	Complete lined tangram or pattern block puzzles using basic shapes to construct other shapes		Complete lined tangram or pattern block puzzles using basic shapes to construct other shapes	

<b>Activities</b>	
In the math center, have children to finish the pattern by using the <a href="#">Oblong Pattern Sheet</a> and counting cubes or small Legos. Teacher will give at least 3 examples of different types of patterns before children complete independently.	
<b>Resources and Materials</b>	
<ul style="list-style-type: none"> <li>Counting cubes or Legos</li> <li>Oblong Pattern Sheet</li> </ul>	
<b>Topic Related Language/ Key Vocabulary</b>	<b>Supports</b>
Oblong Pattern	



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Day 4	Topic(s)	Foundation(s)
	<ul style="list-style-type: none"> <li>• Theme: Kwanzaa</li> <li>• Shape: Oblong</li> <li>• Number: 1</li> <li>• Color: Black, Red, Green</li> <li>• Letter: Ss</li> </ul>	<p>M1.1: Demonstrate strong sense of counting</p> <p>M2.1: Exhibit understanding of mathematical structure</p>
Indicators	Young Preschool (3s- 4 $\frac{1}{2}$ )	Older Preschool (4 $\frac{1}{2}$ to 5s)
	<p>Count the number sequence 1-10</p> <p>Begin to understand that numbers can be composed and decomposed to create new numbers</p>	<p>Count the number sequence 1-20</p> <p>Use understanding that numbers can be composed and decomposed to create new numbers in solving problems with quantities under 5.</p>

**Activities**

[Early Addition and Counting Math Clouds](#) introduces early addition to the children. Children will solve simple problems using fingerprinting to add the snowflakes under the cloud.

Teacher will adapt the activity base upon the classroom skills. For those learning counting, place a number on the cloud to have children create the snowflakes. For those children learning addition, use the examples outlined on the site.

**Resources and Materials**

- Computer/ Tablet
- [Early Addition and Counting Math Clouds](#) website



<ul style="list-style-type: none"><li>• Black or Blue and White Construction paper</li><li>• Scissors, White paint, Glue, markers</li></ul>	
<b>Topic Related Language/ Key Vocabulary</b>	<b>Supports</b>
Counting Adding	<a href="#"><u>Early Addition and Counting Math Clouds</u></a>



## Month: January Week: 1 Subject: Mathematics

Day 5	Topic(s)	Foundation(s)
	<ul style="list-style-type: none"><li>• Theme: Kwanzaa</li><li>• Shape: Oblong</li><li>• Number: 1</li><li>• Color: Black, Red, Green</li><li>• Letter: Ss</li></ul>	M1.2: Demonstrate understanding of written numerals. M3.1: Demonstrate understanding of classifying
Indicators	Young Preschool (3s- 4 $\frac{1}{2}$ )	Older Preschool (4 $\frac{1}{2}$ to 5s)
	Identify numerals in general as different from letters or other symbols. Sort, classify, and compare objects by one attribute	Begin to write numerals 1-10 Explain simple sorting or classifying strategies

### Activities

Have the class to complete the [Kinara Color by Number](#) coloring sheet. Children will likely need assistance with classification on the number to the color. Teacher will explain and show how the number will correspond with the color.

### Resources and Materials

- Read, green, yellow, brown, orange, and black crayons
- [Kinara Color by Number](#) coloring sheet



Topic Related Language/ Key Vocabulary	Supports
Kwanzaa	